F-16
Head-Up Display (HUD)

General

Elbit systems electro-optics Elop Ltd., A subsidiary of Elbit systems ltd., Was selected by the israeli Air force (iaf) and lockheed martin aeronautics company to supply the HUD-DU for the F-16i A/C.

Elop developed a completely new HUD-DU (Display unit) for the F-16 A/C and is the only second source for the F-16 HUD-DU.

The new HUD-DU is form, fit, function and interface (FFFI) with the F-16 C/D HUD-DU provisions.

The F-16 HUD is capable of displaying high brightness cursive (stroke) symbology and raster with or without stroke symbology overlaid.

This model has a Wide Field-Of-View (WFOV), very high reliability, it is lightweight and designed for high performance aircraft.

The F-16 HUD contains a customer tailored Up Front Control Panel (UFCP).

The UFCP includes provisions for high resolution Color Cockpit TV Sensor (CCTVS) for post flight debriefing And back-seat repeater.

Operational advantages

- Wider FOV - 28˚
- High symbol brightness - 2500 fl
- Enhanced symbol quality (stroke and stroke on raster)
- Increased display symbol loading capability (Stroke and stroke on raster)
- Improved symbol positioning accuracy
- High Mean Time Between Failure (MTBF) - Superior mission readiness
- Compatibility with a variety of 3rd generation., Anvis night vision goggles models (optional)

For more information click here

F-16 Cockpit

ELECTRO-OPTICS elop Ltd.